

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10|540,445
Source: PCT
Date Processed by STIC: 2/13/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 02/13/2006

PATENT APPLICATION: US/10/540,445

TIME: 12:50:02

Input Set : A:\00786.436002.ST25.txt

Output Set: N:\CRF4\02132006\J540445.raw

```

3 <110> APPLICANT: Ruvkun, Gary
4      Frand, Alison
6 <120> TITLE OF INVENTION: Methods and Compositions of Ecdysozoan Molt Inhibition
8 <130> FILE REFERENCE: 00786/436002
10 <140> CURRENT APPLICATION NUMBER: 10/540,445
11 <141> CURRENT FILING DATE: 2005-06-22
13 <150> PRIOR APPLICATION NUMBER: PCT/US2003/041788
14 <151> PRIOR FILING DATE: 2003-12-31
16 <152> PRIOR APPLICATION NUMBER: 60/437,235
17 <153> PRIOR FILING DATE: 2002-12-31
19 <160> NUMBER OF SEQ ID NOS: 28
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 21
25 <212> TYPE: DNA
26 <213> ORGANISM: artificial sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: primer
31 <400> SEQUENCE: 1
32 taaattttgg aggtctcgg c                                21
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 21
37 <212> TYPE: DNA
38 <213> ORGANISM: artificial sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: primer
43 <400> SEQUENCE: 2
44 ttaattgccg cgcaaaatgc g                                21
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 29
49 <212> TYPE: DNA
50 <213> ORGANISM: artificial sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: primer
55 <400> SEQUENCE: 3
56 gcgatggagt accacttggc gatttttgg                        29
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 28
61 <212> TYPE: DNA
62 <213> ORGANISM: artificial sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: primer
67 <400> SEQUENCE: 4

```

RAW SEQUENCE LISTING

DATE: 02/13/2006

PATENT APPLICATION: US/10/540,445

TIME: 12:50:02

Input Set : A:\00786.436002.ST25.txt

Output Set: N:\CRF4\02132006\J540445.raw

```

68 accgtgattg gactgttttc agtgcacc                28
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 28
73 <212> TYPE: DNA
74 <213> ORGANISM: artificial sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: primer
79 <400> SEQUENCE: 5
80 gctttgaacc cgcagacact aagattgg                28
83 <210> SEQ ID NO: 6
84 <211> LENGTH: 30
85 <212> TYPE: DNA
86 <213> ORGANISM: artificial sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: primer
91 <400> SEQUENCE: 6
92 gttagccttc caacctgaat agagaacagg            30
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 21
97 <212> TYPE: DNA
98 <213> ORGANISM: artificial sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: primer
103 <400> SEQUENCE: 7
104 ggaaaaacga cagcactatg g                    21
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 22
109 <212> TYPE: DNA
110 <213> ORGANISM: artificial sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: primer
115 <400> SEQUENCE: 8
116 atgcgacgaa atcactactc gg                    22
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 29
121 <212> TYPE: DNA
122 <213> ORGANISM: artificial sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: primer
127 <400> SEQUENCE: 9
128 gctagaaatg ggtgaaatcg gtcttccgg            29
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 28
133 <212> TYPE: DNA
134 <213> ORGANISM: artificial sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: primer
139 <400> SEQUENCE: 10
140 accgtgattg gactgttttc agtgcacc                28

```

RAW SEQUENCE LISTING

DATE: 02/13/2006

PATENT APPLICATION: US/10/540,445

TIME: 12:50:02

Input Set : A:\00786.436002.ST25.txt

Output Set: N:\CRF4\02132006\J540445.raw

```

143 <210> SEQ ID NO: 11
144 <211> LENGTH: 28
145 <212> TYPE: DNA
146 <213> ORGANISM: artificial sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: primer
151 <400> SEQUENCE: 11
152 tgaactgacg aaactgggag gataaccg                28
155 <210> SEQ ID NO: 12
156 <211> LENGTH: 30
157 <212> TYPE: DNA
158 <213> ORGANISM: artificial sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: primer
163 <400> SEQUENCE: 12
164 gttagccttc caacctgaat agagaacagg                30
167 <210> SEQ ID NO: 13
168 <211> LENGTH: 50
169 <212> TYPE: DNA
170 <213> ORGANISM: artificial sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: primer
175 <400> SEQUENCE: 13
176 tttaaaatca aatttctcag gtaatgcggg attggccaaa ggacccaaag    50
179 <210> SEQ ID NO: 14
180 <211> LENGTH: 50
181 <212> TYPE: DNA
182 <213> ORGANISM: artificial sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: primer
187 <400> SEQUENCE: 14
188 tatccgacca cactaccatc agaatgcggg attggccaaa ggacccaaag    50
191 <210> SEQ ID NO: 15
192 <211> LENGTH: 49
193 <212> TYPE: DNA
194 <213> ORGANISM: artificial sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: primer
199 <400> SEQUENCE: 15
200 aattcctatc agttgtcggg taatgcggga ttggccaaag gacccaaag    49
203 <210> SEQ ID NO: 16
204 <211> LENGTH: 48
205 <212> TYPE: DNA
206 <213> ORGANISM: artificial sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: primer
211 <400> SEQUENCE: 16
212 ttatttatag ttgtttttca gatgcgggat tggccaaagg accccaaag    48
215 <210> SEQ ID NO: 17

```

RAW SEQUENCE LISTING

DATE: 02/13/2006

PATENT APPLICATION: US/10/540,445

TIME: 12:50:02

Input Set : A:\00786.436002.ST25.txt

Output Set: N:\CRF4\02132006\J540445.raw

216 <211> LENGTH: 49
 217 <212> TYPE: DNA
 218 <213> ORGANISM: artificial sequence
 220 <220> FEATURE:
 221 <223> OTHER INFORMATION: primer
 223 <400> SEQUENCE: 17
 224 tcttgatggt ctattttgca gaatgcggga ttggccaaag gacccaaag 49
 227 <210> SEQ ID NO: 18
 228 <211> LENGTH: 50
 229 <212> TYPE: DNA
 230 <213> ORGANISM: artificial sequence
 232 <220> FEATURE:
 233 <223> OTHER INFORMATION: primer
 235 <400> SEQUENCE: 18
 236 gtaataaatt ttggcaataa atcatgcggg attggccaaa ggacccaaag 50
 239 <210> SEQ ID NO: 19
 240 <211> LENGTH: 50
 241 <212> TYPE: DNA
 242 <213> ORGANISM: Artificial Sequence
 244 <220> FEATURE:
 245 <223> OTHER INFORMATION: primer
 247 <400> SEQUENCE: 19
 248 ctttgggtcc tttggccaat cccgcattac ctgagaaatt tgattttaaa 50
 251 <210> SEQ ID NO: 20
 252 <211> LENGTH: 50
 253 <212> TYPE: DNA
 254 <213> ORGANISM: Artificial Sequence
 256 <220> FEATURE:
 257 <223> OTHER INFORMATION: primer
 259 <400> SEQUENCE: 20
 260 ctttgggtcc tttggccaat cccgcattct gatggtagtg tggtcggata 50
 263 <210> SEQ ID NO: 21
 264 <211> LENGTH: 49
 265 <212> TYPE: DNA
 266 <213> ORGANISM: Artificial Sequence
 268 <220> FEATURE:
 269 <223> OTHER INFORMATION: primer
 271 <400> SEQUENCE: 21
 272 ctttgggtcc tttggccaat cccgcattac ccgacaactg ataggaatt 49
 275 <210> SEQ ID NO: 22
 276 <211> LENGTH: 48
 277 <212> TYPE: DNA
 278 <213> ORGANISM: Artificial Sequence
 280 <220> FEATURE:
 281 <223> OTHER INFORMATION: primer
 283 <400> SEQUENCE: 22
 284 ctttgggtcc tttggccaat cccgcattctg aaaaacaact ataaataa 48
 287 <210> SEQ ID NO: 23
 288 <211> LENGTH: 49

RAW SEQUENCE LISTING

DATE: 02/13/2006

PATENT APPLICATION: US/10/540,445

TIME: 12:50:02

Input Set : A:\00786.436002.ST25.txt

Output Set: N:\CRF4\02132006\J540445.raw

```

289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: primer
295 <400> SEQUENCE: 23
296 ctttgggtcc tttggccaat cccgcattct gcaaaataga acatcaaga      49
299 <210> SEQ ID NO: 24
300 <211> LENGTH: 50
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: primer
307 <400> SEQUENCE: 24
308 ctttgggtcc tttggccaat cccgcattgat ttattgcca aatttattac      50
311 <210> SEQ ID NO: 25
312 <211> LENGTH: 20
313 <212> TYPE: DNA
314 <213> ORGANISM: artificial sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: primer
319 <400> SEQUENCE: 25
320 gccgcatagt taagccagcc      20
323 <210> SEQ ID NO: 26
324 <211> LENGTH: 24
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: primer
331 <400> SEQUENCE: 26
332 cgggattggc caaaggaccc aaag      24
335 <210> SEQ ID NO: 27
336 <211> LENGTH: 24
337 <212> TYPE: DNA
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: primer
343 <400> SEQUENCE: 27
344 ctttgggtcc tttggccaat cccg      24
347 <210> SEQ ID NO: 28
348 <211> LENGTH: 24
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: primer
355 <400> SEQUENCE: 28
356 ccgcttacag acaagctgtg accg      24

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/540,445

DATE: 02/13/2006

TIME: 12:50:03

Input Set : A:\00786.436002.ST25.txt

Output Set: N:\CRF4\02132006\J540445.raw